

Handbook of Logic and Language. Edited by Johan van Benthem and Alice ter Muelen. Elsevier/MIT Press, Amsterdam/Cambridge, MA. (1997). 1247 pages. \$150.00.

Contents:

Preface. List of contributors. Abbreviations of journal titles. Part I. Frameworks. Introduction. 1. Montague grammar (B.H. Partee with H.L.W. Hendriks). 2. Categorical type logics (M. Moortgat). 3. Representing discourse in context (J. van Eijck and H. Kamp). 4. Situation theory (J. Seligman and L.S. Moss). 5. GB theory: An introduction (J. Higginbotham). 6. Game-theoretical semantics (J. Hintikka and G. Sandu). Part II. General topics. Introduction. 7. Compositionality (with an appendix by Barbara H. Partee) (T.M.V. Janssen). 8. Feature logics (W.C. Rounds). 9. Types (R. Turner). 10. Dynamics (R. Muskens, J. van Benthem and A. Visser). 11. Partiality (J.E. Fenstad). 12. Mathematical linguistics and proof theory (W. Buszkowski). 13. Formal learning theory (D. Osherson, D. de Jongh, E. Martin and S. Weinstein). 14. Nonmonotonicity in linguistics (R.H. Thomason). Part III. Descriptive topics. Introduction. 15. Generalized quantifiers in linguistics and logic (E.L. Keenan and D. Westerståhl). 16. Temporality (M. Steedman). 17. Presupposition (D.I. Beaver). 18. Plurals and collectivity (J.T. Lønning). 19. Questions (J. Groenendijk and M. Stokhof). 20. Generics and defaults (F.J. Pelletier). Glossary. Author index. Subject index.

Gateways to Knowledge: The Role of Academic Libraries in Teaching, Learning, and Research. Edited by Lawrence Dowler. MIT Press, Cambridge, MA. (1997). 240 pages. \$35.00.

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Foreword (Richard De Gennaro). Preface. Acknowledgments. Contributors. I. The academy in transition. 1. Universities in transition: Implications for libraries (Billy E. Frye). II. Changing scholarship: Influences on teaching and research. 2. History in the era of theory, methodology, and multiculturalism: New configurations for the discipline (Patrick Manning). 3. Realizing the virtual library (Anthony Appiah). III. The gateway in research and scholarly communication. 4. First steps toward electronic research communication (Paul Ginsparg). 5. Using electronic social science data in the age of the Internet (Richard C. Rockwell). 6. Some effects of advanced technology on research in the humanities (John Unsworth). IV. Concepts of the gateway: Libraries and technology. 7. Gateways to knowledge: A new direction for the Harvard College Library (Lawrence Dowler). 8. The concept of the gateway library: A view from the periphery (Richard C. Rockwell). 9. The gateway: Point of entry to the electronic library (Jan Olsen). 10. The gateway library: Teaching and research in the global conference room (Peter Lyman). V. Technology and education: The role of libraries in teaching and learning. 11. A computer-based *Harvard Red Book*: General education in the digital age (Richard A. Lanham). 12. Information processing and the making of meaning (Karen Price). 13. Homesteading on the electronic frontier: Technology, libraries, and learning (James Wilkinson). VI. Tools for learning. 14. Gateways to the classroom (Anita Lowry). 15. Historians and hypertext: Is it more than hype? (Roy Rosenzweig and Steve Brier). Postscript (Lawrence Dowler). Index.

Computability and Complexity: From a Programming Perspective. By Neil D. Jones. MIT Press, Cambridge, MA. (1997). 466 pages. \$45.00.

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Series foreword. Preface. I. Toward the theory. 1. Introduction. 2. The WHILE language. 3. Programs as data objects. II. Introduction to computability. 4. Self-interpretation: Universal programs for WHILE and I. 5. Elements of computability theory. 6. Metaprogramming, self-application, and compiler generation. 7. Other sequential models of computation. 8. Robustness of computability. 9. Computability by functional languages (partly by T.Æ. Mogensen). 10. Some natural unsolvable problems. III. Other aspects of computability theory. 11. Hilbert's tenth problem (by M.H. Sørensen). 12. Inference systems and Gödel's incompleteness theorem. 13. Computability theory based on numbers. 14. More abstract approaches to computability. IV. Introduction to complexity. 15. Overview of complexity theory. 16. Measuring time usage. 17. Time usage of tree-manipulating programs. 18. Robustness of time-bounded computation. 19. Linear and other time hierarchies for WHILE programs. 20. The existence of optimal algorithms (By A.M. Ben-Amram). 21. Space-bounded computations. 22. Nondeterministic computations. 23. A structure for classifying the complexity of various problems. 24. Characterizations of LOGSPACE and PTIME by GOTO programs. V. Complete problems. 25. Completeness and reduction of one problem to another. 26. Complete problems for PTIME. 27. Complete problems for NPTIME. 28. Complete problems for PSPACE. VI. Appendix. A. Mathematical terminology and concepts. Bibliography. List of notations. Index.

Monetary Policy. Edited by N. Gregory Mankiw. University of Chicago Press, Chicago. (1994). 345 pages. \$50.00.

Contents:

Acknowledgments. Introduction (N. Gregory Mankiw). 1. The use of a monetary aggregate to target nominal GDP (Martin Feldstein and James H. Stock). 2. Nominal income targeting (Robert E. Hall and N. Gregory Mankiw). 3. Nonstandard indicators for monetary policy: Can their usefulness be judged from forecasting regressions? (Michael Woodford). 4. On sticky prices: Academic theories meet the real world (Alan S. Blinder). 5. What determines the sacrifice ratio? (Laurence Ball). 6. Measuring core inflation (Michael F. Bryan and Stephen G. Cecchetti). 7. Monetary policy and bank lending (Anil K. Kashyap and Jeremy C. Stein). 8. Historical perspectives on the monetary transmission mechanism (Jeffrey A. Miron, Christina D. Romer and David N. Weil). 9. Federal Reserve policy: Cause and effect (Matthew D. Shapiro). Contributors. Author index. Subject index.